

Contents Volume 29 1993

Trace element geochemistry of ilmenite megacrysts from the Monastery kimberlite, South Africa R.O. Moore (Rondebosch, South Africa), W.L. Griffin (North Ryde, N.S.W., Australia), J.J. Gurney (Rondebosch, South Africa), C.G. Ryan, D.R. Cousens, S.H. Sie and G.F. Suter (North Ryde, N.S.W. Australia)	1
Polyphase tectonothermal evolution of exotic Caledonian nappes in Troms, Norway: Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ mineral ages R.D. Dallmeyer (Athens, GA, USA) and A. Andresen (Oslo, Norway)	19
The geochemistry of phosphorus in granite rocks and the effect of aluminium F. Bea (Granada, Spain), G. Fershtater (Sverdlovsk, Russia) and L.G. Corretgé (Oviedo, Spain)	43
Mineralogy and geochemistry of two metamorphosed sedimentary manganese deposits, Sierra Nevada, California, USA M.J.K. Flohr and J.S. Huebner (Reston, VA, USA)	57
High K/Na alkaline mafic dykes near Radok Lake, northern Prince Charles Mountains, East Antarctica N.C.N. Stephenson and N.D.J. Cook (Armidale, NSW, Australia)	87
A petrologic and fluid inclusion study of charnockites from the Lützow-Holm Bay region, East Antarctica: Evidence for fluid-rich metamorphism in the lower crust M. Santosh and M. Yoshida (Osaka, Japan)	107
Geochemical and Nd isotopic study of Palaeozoic bimodal volcanics in Hainan Island, South China—Implications for rifting tectonics and mantle reservoirs Z. Fang (Nanjing China), J.-X. Zhao and M.T. McCulloch (Canberra, ACT, Australia)	127
Retrogression, geochemical alteration and deformation in Proterozoic mafic dykes, Hopedale block, Labrador A.C. Cadman and J. Tarney (Leicester, UK), R.G. Park (Staffs, UK) and I.F. Ermanovics (Ottawa, Canada)	141
<i>Book reviews</i>	
<i>Absorption Spectroscopy in Mineralogy</i> . Edited by A. Mottana and F. Burragato – S.A.T. Redfern	157
<i>Enclaves and Granite Petrology</i> . Edited by J. Didier and B. Barbarin – B.D. Marsh	158
<i>The Colours of Opaque Minerals</i> by A. Peckett – S.A.T. Redfern	159
<i>Principles and Applications of Inorganic Geochemistry</i> by G. Faure – R. Piispanen	160
Guide for Authors	
Thermobarometry and fluid evolution of enderbites within the Magondi Mobile Belt, northern Zimbabwe H. Munyanyiwa (Harare, Zimbabwe), J.L.R. Touret and H.A. Jelsma (Amsterdam, The Netherlands)	163
Early Ordovician continental break-up in Variscan Europe: Nd–Sr isotope and trace element evidence from bimodal igneous associations of the Southern Massif Central, France C. Pin (Clermont-Ferrand, France) and F. Marini (Nancy, France)	177
Globular ferropicritic rocks at Pechenga, Kola Peninsula (Russia): Liquid immiscibility versus alteration E.J. Hanski (Rovaniemi, Finland)	197
Syn-metamorphic element transfer across lithological boundaries in the Port-aux-Basques gneiss complex, Newfoundland J. Victor Owen (Halifax, Nova Scotia, Canada)	217
Trace elements in garnets and chromites: Diamond formation in the Siberian lithosphere W.L. Griffin (N. Ryde, NSW, Australia), N.V. Sobolev (Novosibirsk, Russia), C.G. Ryan (N. Ryde, NSW, Australia), N.P. Pokhilenko (Novosibirsk, Russia), T.T. Win (N. Ryde, NSW, Australia) and E.S. Yefimova (Novosibirsk, Russia)	235

Pb–Nd–Sr isotopic constraints on the origin of the Caledonian Bindal Batholith, central Norway A. Birkeland (Oslo, Norway), Ø. Nordgulen (Trondheim, Norway), G.L. Cumming (Edmonton, Canada) and A. Bjørlykke (Oslo, Norway).....	257
Enrichment of SiO ₂ in rhyolites by fractional crystallization: An experimental study of peraluminous granitic rocks from the St. Francois Mountains, Missouri, USA T.L. Gerke and A.I. Kilinc (Cincinnati, OH, USA)	273
Trapped liquid from a nepheline syenite: a re-evaluation of Na-, Zr-, F-rich interstitial glass in a xenolith from Tenerife, Canary Islands J.A. Wolff and J.B. Toney (Arlington, TX, U.S.A.).....	285
Isotopic evidence for the origin of Cenozoic volcanic rocks in the Pinacate volcanic field, northwestern Mexico D.J. Lynch, T.E. Musselman (Tucson, AZ, USA), J.T. Gutmann and P.J. Patchett (Middletown, CT, USA).....	295
Reintroduction of gold, other chalcophile elements and LILE during retrogression of depleted granulite, Tromøy, Norway E.M. Cameron (Ottawa, Canada)	303
Magma influx and mixing in the Bjerkreim–Sokndal layered intrusion, South Norway: evidence from the boundary between two megacyclic units at Storeknuten J.C. Jensen, F.M. Nielsen (Aarhus C, Denmark), J.C. Duchesne (Sart Tilman, Belgium), D. Demaiffe (Brussels, Belgium) and J.R. Wilson (Aarhus C, Denmark)	311
Author index	327
Contents Volume 29	329

